

44-1443

DRAWING NUMBER

UP-104

Contor

P: General

Set: 1 of 3

E-3

6/15/90

PLAN HOLD CORPORATION • FINE, CALIFORNIA

REGISTERED ELECTRICAL ENGINEER

NO. 10000 OF 10000

DRAWING NUMBER

UP-104

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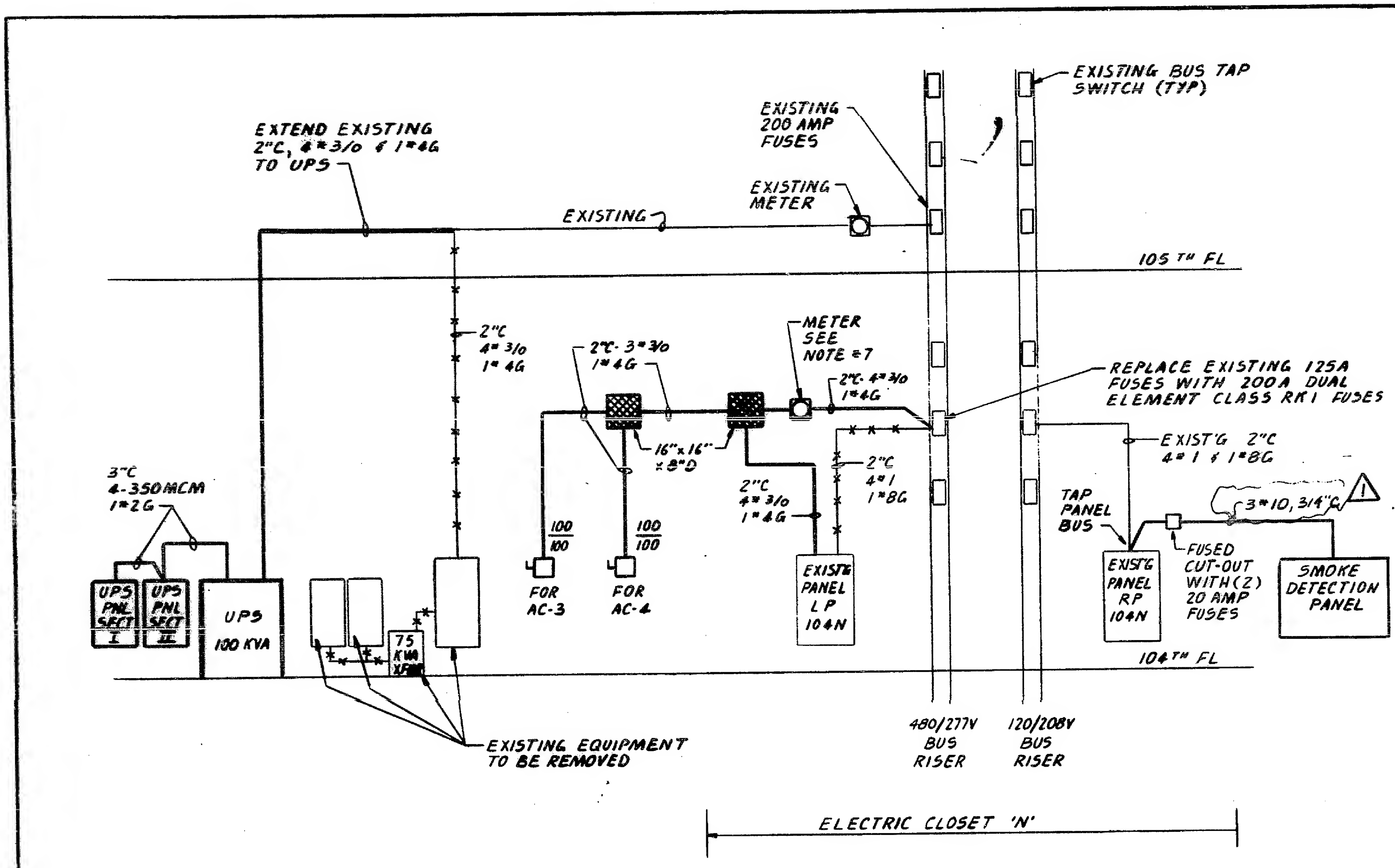
E-3

6/15/90

PLAN HOLD CORPORATION • FINE, CALIFORNIA

REGISTERED ELECTRICAL ENGINEER

NO. 10000 OF 10000



ONE LINE DIAGRAM

ELECTRICAL NOTES

- FOR ELECTRICAL SPECIFICATIONS SEE DWG E-1
- ALL ELECTRICAL CONDUITS TO HAVE A MINIMUM OF 2 #12 WIRES (U.L. STANDARD) UNLESS OTHERWISE NOTED.
- DEVICE PLATES SHALL BE BRUSH SATIN ANODIZED ALUMINUM. DEVICE PLATES FOR TELEPHONE OUTLETS SHALL HAVE A BUSHED HOLE.
- ALL FLOOR OUTLETS AND UNDERCELL BOX ASSEMBLIES BEING REMOVED AND NOT RE-USED ARE TO BE RETURNED TO THE ENGINEER.
- ALL PANEL DIRECTORIES SHALL BE UPDATED TO REFLECT CHANGES DUE TO THIS CONTRACT.
- ALL TELEPHONE AND COMMUNICATION WIRING NOT TO BE RE-USED SHALL BE REMOVED.
- THE CONTRACTOR SHALL FURNISH AND INSTALL 200A, 208/120V OR 480/277V METER SOCKETS WITH NEUTRAL ISOLATED FROM GROUND AND WITH BY-PASS, AS PER CON EDITIONS REQUIREMENTS FOR ELECTRIC SERVICE INSTALLATIONS (TABLE B). THE AUTHORITY WILL PROVIDE AND INSTALL THE METER (S).
- THE CONTRACTOR SHALL DISCONNECT AND REMOVE ALL ELECTRICAL ITEMS WHICH ARE TO BE REMOVED DUE TO DEMOLITION AS SHOWN ON ARCHITECTURAL DRAWINGS.
- COORDINATE RECEPTACLE CONFIGURATIONS WITH EQUIPMENT SPECIFICATIONS.
- GROUND EVERY SECOND PEDESTAL IN EVERY OTHER ROW WITH A CONTINUOUS #6 COPPER GROUND WIRE FROM BASE BUILDING STEEL AND ATTACHED TO PEDESTALS WITH A T & B SHOP WELD CO-FOUND UNDER CLAMPS.
- FOR SMOKE DETECTION SPECIFICATIONS SEE DWG E-2.

PANEL UPS SECTION I									
120/208V, 3Ø, 4 WIRE									
150 AMP MAINS, 150A MCB, GND BUS									
KVA	ITEM #	TRIP	CKT		CKT	TRIP	ITEM #	KVA	
.85	1	15	1		2	20	3	1.45	
.85	2		3		4	20	11	1.0	
.85	4		5		6	20	12	1.0	
.85	5		7		8	30	18	2.5	
.85	9		9		10	30	19	2.5	
.85	10		11		12	30	24	2.5	
.85	33		13		14	30	25	2.5	
.85	34	✓	15		16	30	35	1.9	
1.9	29	20	17		18		SPACE		
1.9	30	20	19		20				
4.5	31	30	21		21				
4.5	32	30	23		22				
1.9	28	30	25		23				
.7	6	20	27		24				
					25				
					26				
					27				
					28				
					29				
					30				
					31				
					32				
					33				
					34				
					35				
					36				
					37				
					38				
					39				
					40				

EQUIPMENT				
ITEM No.	EQUIPMENT	RECP	PANEL SECTION	
1	PR-60	5-15R	I	
2	PR-58	5-15R	I	
3	PR-1	5-20R	I	
4	PR-4	5-15R	I	
5	SB-58	5-15R	I	
6	SW	HARD	I	
7	CU-42A	HARD	II	
8	CU-42B	HARD	II	
9	G5B	5-15R	I	
10	PE-5YST	5-15R	I	
11	DEC 1	(2) 5-15R	I	
12	DEC 2	(2) 5-15R	I	
13	SA 600	L21-30R	II	
14	CPU	L21-20R	II	
15	HSC-40	L21-30R	II	
16	SA 600	L21-30R	II	
17	ESE-20	L21-30R	II	
18	TA 79	L6-30R	I	
19	TA 79	L6-30R	I	
20	CPU	L21-20R	II	
21	HSC-40	L21-30R	II	
22	SA 600	L21-30R	II	
23	ESE-20	L21-30R	II	
24	TA 79	L6-30R	I	
25	TA 79	L6-30R	I	
26	CU-42A	HARD	II	
27	CU-42B	HARD	II	
28	9720	L6-30R	I	
29	2200	L6-20R	I	
30	SW	HARD	II	
31	DCP-40A	HARD	I	
32	DCP-40B	HARD	I	
33	770-06	5-15R	I	
34	770-06	5-15R	I	
35	9720	L6-30R	I	
36	2200	L6-20R	I	

PANEL UPS SECTION II				
120/208V, 3Ø, 4 WIRE				
150 AMP MAINS, 150A MCB, GND BUS				
KVA	ITEM #	TRIP	CKT	
3.5	14	20	1	
3.5	20	20	3	
3.0	13	30	5	
3.0	15	30	7	
3.0	16	30	9	
2.1	7	100	11	
2.1	8	100	13	